



Wednesday, December 30, 2020

Attn: Mr. Keith Gammell
Barnhardt Mfg. Co.
247 Main Rd
P.O. Box 3
Colrain, MA 01340

Project ID: NPDES BI MONTHLY DEC
SDG ID: GCH33443
Sample ID#s: CH33443

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

December 30, 2020

SDG I.D.: GCH33443

Project ID: NPDES BI MONTHLY DEC

Client Id	Lab Id	Matrix
EFFLUENT	CH33443	WASTE WATER



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Analysis Report

December 30, 2020

FOR: Attn: Mr. Keith Gammell
Barnhardt Mfg. Co.
247 Main Rd
P.O. Box 3
Colrain, MA 01340

Sample Information

Matrix: WASTE WATER
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by: KG
Received by: B
Analyzed by: see "By" below

Date

12/16/20
12/16/20

Time

7:00
16:26

Laboratory Data

SDG ID: GCH33443
Phoenix ID: CH33443

Project ID: NPDES BI MONTHLY DEC
Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Ammonia as Nitrogen	0.44	0.10	mg/L	2	12/30/20	KDB	E350.1
Nitrite-N	0.019	0.010	mg/L	1	12/16/20 19:58	TB	E353.2
Nitrate-N	0.63	0.02	mg/L	1	12/16/20 19:58	TB	E353.2
Nitrogen Tot Kjeldahl	9.74	2.00	mg/L	20	12/29/20	ARG	E351.1
Total Nitrogen	10.4	0.10	mg/L	1	12/29/20	ARG	SM4500NH3/E300.0-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

December 30, 2020

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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QA/QC Report

December 30, 2020

QA/QC Data

SDG I.D.: GCH33443


Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 557056 (mg/L), QC Sample No: CH33349 (CH33443)													
Nitrate-N	BRL	0.02	<0.02	<0.02	NC	97.2			91.6			90 - 110	20
Nitrite-N	BRL	0.01	0.013	0.02	NC	103			100			90 - 110	20
QA/QC Batch 557919 (mg/L), QC Sample No: CH33443 (CH33443)													
Ammonia as Nitrogen	BRL	0.05	0.44	0.42	4.70	95.1			98.6			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	9.74	10.46	7.10	99.5			101			85 - 115	20

Comment:

TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
December 30, 2020

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Criteria: None
State: MA

Sample Criteria Exceedances Report
GCH33443 - BARNHARD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Analysis Comments

December 30, 2020

SDG I.D.: GCH33443

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

